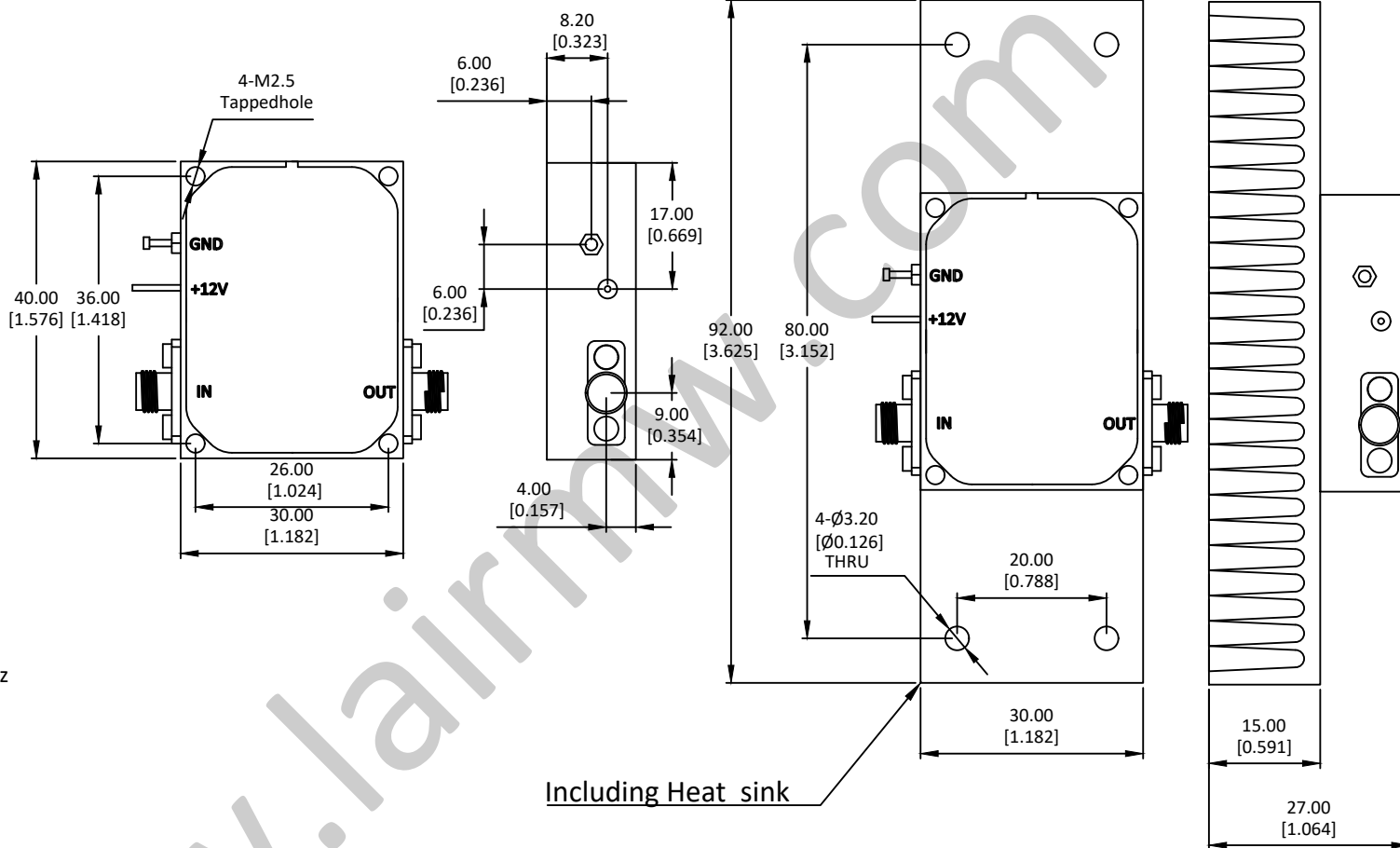
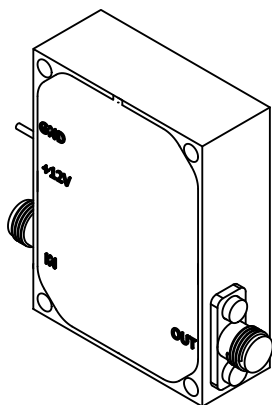


NOTES: UNLESS OTHERWISE SPECIFIED
THIS IS A CAD GENERATED DRAWING, DO NOT REVISE MANUALLY

| REVISION HISTORY | | | | | |
|------------------|-----|---------------------|----------|------|----------|
| ZONE | REV | DESCRIPTION | E.C.O.NO | DATE | APPROVED |
| | 1 | ENGINEERING RELEASE | | | |



LAL-1181

1~9GHz 低噪声放大器 Low Noise Amplifier

—电气技术参数 Electrical Specifications—

| | |
|---------------------------------|------------|
| 频率范围 Frequency Range: | 1 - 9GHz |
| 增益 Gain: | 26dB |
| 增益平坦度 Gain Flatness: | / |
| 噪声系数 Noise Figure: | 1.6dB |
| 输出 P_{1dB} Output P_{1dB} : | 21dBm |
| 输入驻波比 Input VSWR: | 1.5:1 |
| 输出驻波比 Output VSWR: | 1.5:1 |
| 直流偏置电压 DC Supply Voltage: | +12V |
| 直流偏置电流 DC Supply Current: | 180mA |
| 工作温度 Operation Temperature: | -40~+85°C |
| 存储温度 Storage Temperature: | -50~+105°C |

—机械技术参数 Mechanical Specification—

| | |
|---------------------------------|-------|
| 输入连接器 Input Interface: | SMA-F |
| 输出连接器 Output Interface: | SMA-F |
| 尺寸 Size (excluding connectors): | / |
| 重量 Weight: | / |

| | | | | | | | | | | | | | | | | | | | |
|---|------------|---------------|------------|---|------------|---------------|------------|---------------|------------|----------------|------------|---|------------|----------------|------------|------|---------|---------|-----|
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE MILLIMETER TOLERANCES ARE: DECIMALS ANGLES FRACTIONS .XX±0.03 ±1' ±2/5 .XXX±0.012 | | | | 莱尔微波 www.lairmw.com sales@lairmw.com | | P/N: LAL-1181 | | | | | | | | | | | | | |
| <table border="1"> <tr> <td>Approvals</td> <td>DATE</td> </tr> <tr> <td>DRWN</td> <td></td> </tr> <tr> <td>ENG</td> <td></td> </tr> <tr> <td>CHK</td> <td></td> </tr> <tr> <td>Q.A.</td> <td></td> </tr> </table> | | Approvals | DATE | DRWN | | ENG | | CHK | | Q.A. | | 1-9GHz 低噪声放大器 Low Noise Amplifier 增益 Gain 26dB, 噪声系数 NF 1.6dB | | | | | | | |
| Approvals | DATE | | | | | | | | | | | | | | | | | | |
| DRWN | | | | | | | | | | | | | | | | | | | |
| ENG | | | | | | | | | | | | | | | | | | | |
| CHK | | | | | | | | | | | | | | | | | | | |
| Q.A. | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <tr> <td>HOLE DIAMETER</td> <td>TOLERANCES</td> </tr> <tr> <td>.35 TO 3.20</td> <td>+.05/- .02</td> </tr> <tr> <td>3.21 TO 6.35</td> <td>+.10/- .03</td> </tr> <tr> <td>6.36 TO 12.70</td> <td>+.15/- .03</td> </tr> <tr> <td>12.71 TO 19.05</td> <td>+.20/- .03</td> </tr> <tr> <td>19.06 TO 25.40</td> <td>+.25/- .03</td> </tr> <tr> <td>25.41 TO 50.80</td> <td>+.30/- .03</td> </tr> </table> | | HOLE DIAMETER | TOLERANCES | .35 TO 3.20 | +.05/- .02 | 3.21 TO 6.35 | +.10/- .03 | 6.36 TO 12.70 | +.15/- .03 | 12.71 TO 19.05 | +.20/- .03 | 19.06 TO 25.40 | +.25/- .03 | 25.41 TO 50.80 | +.30/- .03 | SIZE | CAGE NO | DWG NO. | REV |
| HOLE DIAMETER | TOLERANCES | | | | | | | | | | | | | | | | | | |
| .35 TO 3.20 | +.05/- .02 | | | | | | | | | | | | | | | | | | |
| 3.21 TO 6.35 | +.10/- .03 | | | | | | | | | | | | | | | | | | |
| 6.36 TO 12.70 | +.15/- .03 | | | | | | | | | | | | | | | | | | |
| 12.71 TO 19.05 | +.20/- .03 | | | | | | | | | | | | | | | | | | |
| 19.06 TO 25.40 | +.25/- .03 | | | | | | | | | | | | | | | | | | |
| 25.41 TO 50.80 | +.30/- .03 | | | | | | | | | | | | | | | | | | |
| | | A3 | | | 1 | | | | | | | | | | | | | | |
| | | SCALE | UNIT | SHEET 1 OF 1 | | | | | | | | | | | | | | | |
| | | 3:2 | mm | | | | | | | | | | | | | | | | |